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(21) International Application Number: PCT/US99/30395 (22) International Filing Date: 21 December 1999 (21.12.99) (30) Priority Data: 60/113,499 22 December 1998 (22.12.98) US (71) Applicant (for all designated States except US): ELI LILLY AND COMPANY [US/US]; Lilly Corporate Center, Indianapolis, IN 46285 (US). (72) Inventors; and (75) Inventors/Applicants (for US only): BRADER, Mark, L. [NZ/US]; 6465 North Park Avenue, Indianapolis, IN 46220 (US). PEKAR, Allen, H. [US/US]; 5354 North Park Avenue, Indianapolis, IN 46220 (US). (74) Agent: MACIAK, Ronald, S.; Eli Lilly and Company, Lilly Corporate Center, Drop Code1501, Indianapolis, IN 46285 (US).		(81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG). Published <i>With international search report.</i> <i>Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i>
(54) Title: SHELF-STABLE FORMULATION OF GLUCAGON-LIKE PEPTIDE-1		
(57) Abstract Glucagon-like peptide-1 (GLP-1) has been shown to be useful in the treatment of diabetes. The invention encompasses a shelf stable formulation that comprises a therapeutically effective amount of GLP-1, a pharmaceutically acceptable preservative, and a tonicity modifier, and that has a pH between about 8.2 to about 8.8.		